

NOVEMBER/DECEMBER 2023

**GAM31 — MEDICAL VIROLOGY AND
PARASITOLOGY**

Time : Three hours

Maximum : 75 marks



SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What is Obligatory Intracellular Parasites?
2. Define ID₅₀.
3. Define Pathogen.
4. Write the name of the Pathogen of Hemorrhagic fever.
5. What is an Accidental Parasite?
6. Define Zoonoses.
7. What are Adjuvants?
8. Define Immunization.
9. What is Cyst?
10. Expand TIF fixative.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.



11. (a) Give a short account on Discovery of Viruses.

Or

(b) List out the Housing and Environmental requirements for Laboratory Animals.

12. (a) Write about the Influenza Viral Pathogenecity and Lab diagnosis.

Or

(b) Describe the Morphology and Pathogenecity of Herpes Simplex Virus.

13. (a) Explain the Life Cycle of *Taenia solium*.

Or

(b) Comment on *Toxoplasma gondii*.

14. (a) Write about Antiviral Agents.

Or

(b) Discuss briefly about DNA Vaccines.

15. (a) Give a brief account of General features of Antimicrobial Drugs.

Or

(b) Describe the Procedures for Flotation method of Concentrating Faecal Specimen.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Write a detailes account on Classification of Viruses.

17. Explain about *T₄* bacteriophage.

18. Write an essay on different stages of Malaria Infection.

19. Discuss elaborately about the production of HEP B Vaccine.

20. Discuss Immunodiagnostic methods (Any Two) of Parasitic diseases.
